

**Work Order ID 81752**

Friday, March 16, 2012 3:38:45 PM

**\*81752\***

Ship April 4th

Page 1

Item ID: D350-607-541

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Item Name: Heli-Utility-Basket

Stop **\*NS2\***

Start Date: 3/19/2012 Start Qty: 1.00

**\*1\***

Cust Item ID:

Required Date: 4/6/2012 Req'd Qty: 1.00

**\*1\***

Customer:

Reference:

Approvals: Process Plan: *MF*Date: *12-03-16*

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start **\*NR1\***Stop **\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

Draw Nbr

Revision Nbr

D350-607-3

A

100

0.00

**\*100\***

DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile &amp; type labels per PPPD350-607-541 CHG003

*5/12/17**for MLJ 12-4-13*

110

Pick Kit

0.00

**\*110\***

Packaging

Memo

0.00

Packaging

\*\*\*\*Mask label plate to size of D4086 label, use scotchbrite red pad to lightly sand area for label, apply label\*\*\*\*

*12/4/10 SP*

120

QC4- 100% Inspect kits for completeness

0.00

**\*120\***

QC

Memo

0.00

Quality Control

*5/12/17**(X)*

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 81752**

Friday, March 16, 2012 3:38:45 PM

**\*81752\***

Page 2

Item ID: D350-607-541

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Heli-Utility-Basket

Start Date: 3/19/2012 Start Qty: 1.00 **\*1\***

Cust Item ID:

Required Date: 4/6/2012 Req'd Qty: 1.00 **\*1\***

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start **\*NR1\***

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Pick Kit	0.00							
<b>*130*</b>									
Packaging	Memo	0.00							
Packaging	Package as per PPPD350-607-541								
140	QC21- Final Inspection - Work Order Release	0.00							
<b>*140*</b>									
QC	Memo	0.00							
Quality Control									

ME  
12-04-17

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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# Picklist Print

Friday, March 16, 2012 3:38:44 PM

Page 1

Work Order ID: 81752

Parent Item: D350-607-541

Parent Item Name: Heli-Utility-Basket

Start Date: 3/19/2012

Required Date: 4/6/2012

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 10-08-19 AS PER REV.A DD VERF BY:EC IPP Rev:B 11.02.09 add to install label DD verf by:EC IPP REV:C 12.03.06 AS PER ECN12-535 DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D350-607-511

Quick Release Basket Mounting Installation

Manufactured

No

110

Each

5.0000

1

1

B82319

Location

Loc Qty

Loc Code

FG

2

80948

2

FG032

3

81191

3

D2690-6

Lanyard Assembly

Manufactured

No

110

Each

21.0000

1

1

B82061

Location

Loc Qty

Loc Code

ST016

21

79515

21

D3912-041

Eyebolt Receiver Assembly

Manufactured

No

110

Each

0.0000

1

1

B8457

D4030-041

Long Basket Assembly (350)

Manufactured

No

110

Each

0.0000

1

1

B81755

D4085-3

Placard, Instructions

Manufactured

No

110

Each

5.0000

1

1

B8479

Location

Loc Qty

Loc Code

ST122

5

78972

5

D4151-041

Basket Fwd, Hardpoint Assembly, Lower

Manufactured

No

110

Each

6.0000

1

1

B81692 12/4/16

Location

Loc Qty

Loc Code

ST131

2

78970

2

ST134

4

79354

4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Friday, March 16, 2012 3:38:44 PM

Page 2

Work Order ID: 81752

Parent Item: D350-607-541

Parent Item Name: Heli-Utility-Basket

Start Date: 3/19/2012

Required Date: 4/6/2012

Start Qty: 1.00

Required Qty: 1.00

D4151-043

Manufactured No

110 Each 3.0000

1 1

Basket Fwd Hardpoint Assembly, Upper

Location

Loc Qty

Loc Code

ST134

3

80727

3

D4150-041

Manufactured No

110 Each 1.0000

1 1

Attachment Arm Assembly

Location

Loc Qty

Loc Code

ST134

1

80726

1

AN4-13A

Purchased No

110 Each 1,357.0000

6 6

Bolt

Location

Loc Qty

Loc Code

ST357

1357

119449

59

120187

398

120422

500

120770

400

AN4C15

Purchased No

110 Each 35.0000

1 1

BOLT

Location

Loc Qty

Loc Code

ST358

35

120124

35

AN310C4

Purchased No

110 Each 46.0000

1 1

Nut

Location

Loc Qty

Loc Code

ST344

46

119324

16

120360

30

Friday, March 16, 2012 3:38:45 PM

Shop Packet Print

Page 2

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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Friday, March 16, 2012 3:38:45 PM

Page 3

Work Order ID: 81752

Parent Item: D350-607-541

Parent Item Name: Heli-Utility-Basket

Start Date: 3/19/2012

Required Date: 4/6/2012

Start Qty: 1.00

Required Qty: 1.00

MS17984-C413  
PIN, QUICK RELEASE

Purchased

No

110

Each

12.0000

1

1

Location

Loc Qty

Loc Code

ST315

3

114340

1

118612

2

ST333

9

121011

9

MS21042L4  
Nut

Purchased

No

110

Each

5,519.0000

6

6

Location

Loc Qty

Loc Code

ST300

5519

117441

51

117601

157

118451

133

119017

200

119075

2978

121011

2000

MS24665-151  
Cotter Pin

Purchased

No

110

Each

311.0000

1

1

Location

Loc Qty

Loc Code

ST309

311

17566

311

NAS1515H4L  
WASHER

Purchased

No

110

Each

447.0000

2

2

Location

Loc Qty

Loc Code

FG

8

103691

8

ST277

439

118709

4

120390

435

Friday, March 16, 2012 3:38:45 PM

Shop Packet Print

Page 3

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Page 4

Work Order ID: 81752

Parent Item: D350-607-541

Parent Item Name: Heli-Utility-Basket

Start Date: 3/19/2012

Required Date: 4/6/2012

Start Qty: 1.00

Required Qty: 1.00

NAS1149F0432P

Purchased

No

110

Each

322.0000

12

12

Washer

11/21/16 SP

Location

Loc Qty

Loc Code

ST275

322

120360

122

121060

200

NAS1149C0433R

Purchased

No

110

Each

1,014.0000

3

3

Washer

12/4/16 SP

Location

Loc Qty

Loc Code

FP001

1

115358

1

ST297

1013

117735

34

119097

979

3

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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## 4.0 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-607-541 (Standard Basket)	80.7 lb 36.6 kg	± 49.1 in ± 1.25 m	± 3962 in-lb ± 45.8 m-k-g	135 in 3.43 m	10895 in-lb 125.5 m-k-g
D350-607-543 (Lightweight Basket)	65.7 lb 29.8 kg	± 49.1 in ± 1.25 m	± 3226 in-lb ± 37.3 m-k-g	135 in 3.43 m	8870 in-lb 102.2 m-k-g
D350-607-545 (Standard Basket)	58.7 lb 26.2 kg	± 49.1 in ± 1.25m	± 2882 in-lb ± 32.8 m-k-g	135 in 3.43 m	7925 in-lb 89.9 m-k-g
D350-607-547 (Lightweight Basket)	47.7 lb 21.6 kg	± 49.1 in ± 1.25 m	± 2342 in-lb ± 27.0 m-k-g	135 in 3.43 m	6440 in-lb 74.1 m-k-g
D350-607-511 (Quick Release Basket Mounting Kit)	7.2 lb 3.3 kg	± 36.9 in ± 0.94 m	± 266 in-lb ± 3.1 m-k-g	135 in 3.43 m	972 in-lb 11.3 m-k-g

## 5.0 PARTS LIST

QTY. -541	QTY -543	QTY -545	QTY -547	QTY -511	QTY -501	PART NUMBER	DESCRIPTION
X						D350-607-541	HELI-UTILITY-BASKET
	X					D350-607-543	HELI-UTILITY-BASKET
		X				D350-607-545	HELI-UTILITY-BASKET
			X			D350-607-547	HELI-UTILITY-BASKET
1	1	1	1	X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT
					X	D350-607-501	CONVERSION KIT
1	1	1	1		1	D2690-6	LANYARD
				4	4	D3910-3	X-TUBE LUG
1	1	1	1		1	D3912-041	EYEBOLT RECEIVER ASSY
				8	8	D3984-030	RUBBER EXTRUSION, X-TUBE
1						D4030-041	LONG BASKET ASSY
	1					D4030-043	LONG BASKET ASSY, LIGHTWEIGHT
		1				D4032-041	SHORT BASKET ASSY
			1			D4032-043	SHORT BASKET ASSY, LIGHTWEIGHT
1	1	1	1		1	D4085-3	PLACARD-INSTRUCTIONS
1					1	D4086-200	PLACARD, MAX LOAD
	1				1	D4086-215	PLACARD, MAX LOAD
		1			1	D4086-220	PLACARD, MAX LOAD
			1		1	D4086-232	PLACARD, MAX LOAD
				1	1	D4148-041	FWD X-TUBE LUG ASSY
				1	1	D4149-041	AFT X-TUBE LUG ASSY
1	1	1	1		1	D4150-041	ATTACHMENT ARM ASSY
1	1	1	1		1	D4151-041	BASKET FWD HARDPOINT ASSY (LOWER)
1	1	1	1		1	D4151-043	BASKET FWD HARDPOINT ASSY (UPPER)
6	6	6	6		6	AN4-13A	BOLT
				16	16	AN4-14A	BOLT
1	1	1	1		1	AN4C15	BOLT
1	1	1	1		1	AN310C4	CASTELLATED NUT
1	1	1	1		1	MS17984-C413	QUICK RELEASE PIN
6	6	6	6	16	22	MS21042L4	NUT (OR MS21042-4)
1	1	1	1		1	MS24665-151	COTTER PIN
2	2	2	2		2	NAS1515H4L	WASHER
12	12	12	12	32	44	NAS1149F0432P	WASHER
3	3	3	3		3	NAS1149C0463R	WASHER

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Date: 10.06.28